

Amendments to the Specification

Please replace the paragraph at page 13, lines 23 through 28 with the following amended paragraph:

FIG. ~~1-1~~ 1A through ~~1-148~~ 1R6 show the KChIP1 genomic DNA (SEQ ID NO: 1). This sequence is taken from NCBI Build 33. The numbering in FIG. ~~1~~ 1A through 1R6, as well as the “start” and “end” numbers in all Tables refer to the location in Chromosome 5 in NCBI Build 33. The numbering in FIG. ~~1~~ 1A through 1R6 refers to the last base in the line immediately preceding the number; the numbers are in decreasing order because of the “reverse orientation” of the gene.

Please replace the paragraph at page 34, lines 14 through 19 with the following amended paragraph:

For example, the KChIP1 nucleic acid can be the genomic sequence shown in FIG. ~~1~~ 1A through 1R6, or a portion or fragment of the isolated nucleic acid molecule (*e.g.*, cDNA or the gene) that encodes KChIP1 polypeptide. In certain embodiments, the isolated nucleic acid molecule comprises a nucleic acid molecule selected from the group consisting of SEQ ID NOs: 1 and 114-258 (*e.g.*, in Table 10) or the complement of such a nucleic acid molecule.

Please replace row 2 of Table 10 at page 129 with the following amended paragraph:

Table 10. The DNA sequence of the SNPs identified across KChIP1.

NAME	SEQUENCE LISTING	SEQ ID NO.
KChIP1	See FIG. 1 <u>1A through 1R6</u>	SEQ ID NO 1